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Dr. Jacob Paz
J&L Eniron Ser. Inc
[redacted]

Department of Energy
Yucca Mountain Project

May 17, 04

RE: Comments For the Proposed
Environmental Impact Statement (EIS)
Rail Road Constriction Caliente Corridor
Dear Sir:

Attached are my comments for the proposed EIS Rail Road Constriction Caliente Corridor.

I. **Health and Safety**:

1. How the DOE is going to address potential exposure to **Erionite** fibers naturally occurring in Nevada, during construction of the Rail Road. Especially during tunneling operation, constriction, and drilling? What type of health and safety precautions does the DOE is planning to take in order to protect employees for example: air monitoring, use of PPE respirators, good practice of personal hygiene and comply with all OSHA pertinent standards and regulations.

2. How the is the DOE going to disposed silica and **erionite** waste a potent carcinogen and toxic agents to prevent potential employee and public exposure? It might need a State RCRA and air permits. How this is issue is going to be addressed?

II. **Medical Surveillance and Risk Assessment**

1. Does the DOE is plan to execute medical surveillance which will be provided to all workers potentially exposed to radiation during hulling, unloading, and transportation and construction? If yes what type of medical surveillance please provides a complete detail? If the DOE is going to decline medical surveillance could the DOE provide scientific and specific regulatory requirements justification?

2. Will the DOE consider to conducting chromosome aberration screening to all employees who will be exposed to radiation from all type of operations during transportation of high nuclear waste? If not what is the scientific justification?

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III. Risk Assessment and Accident

1. The DOE has to develop an appropriate Risk assessment which includes radiation bystander effects and exposure to mixed radiation and to the public and the workers who will be at risk.

2. What is the radiation levels and type which the public and employees will be exposed to?

3. What type of hazard levels of radiation exposure in case of poetical accidents scenario such as low medium and high levels of exposure.

4. What are regulatory limits, does the regulatory limits incorporated the radiation bystander effects?

Yours truly,

Dr. Jacob D Paz